

JAVA.UTIL.ENUMMAP.PUT METHOD

http://www.tutorialspoint.com/java/util/enummap_put.htm

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Description

The **java.util.EnumMap.put** *key*, *Vvalue* method associates the specified value with the specified key in this map. Older values are replaced.

Declaration

Following is the declaration for **java.util.EnumMap.put** method

```
public V put(K key, V value)
```

Parameters

- **key** -- the key with which the specified value is to be associated
- **value** -- the value to be associated with the specified key

Return Value

This method returns the previous value associated with specified key, or null if there was no mapping for key.

Exception

- **NullPointerException** -- if the specified key is null

Example

The following example shows the usage of `java.util.EnumMap.containsKey` method.

```
package com.tutorialspoint;

import java.util.*;

public class EnumMapDemo {

    // create an enum
    public enum Numbers {

        ONE, TWO, THREE, FOUR, FIVE
    };

    public static void main(String[] args) {
        EnumMap<Numbers, String> map =
            new EnumMap<Numbers, String>(Numbers.class);

        // associate values in map
        map.put(Numbers.ONE, "1");
        map.put(Numbers.TWO, "2");
        map.put(Numbers.THREE, "3");
        map.put(Numbers.FOUR, "4");

        // print the map
        System.out.println("Map: " + map);

        // put something in Numbers.FIVE
        String oldValue1 = map.put(Numbers.FIVE, "5");

        // put something different in Number.ONE
        String oldValue2 = map.put(Numbers.ONE, "20");
    }
}
```

```
// print updated map
System.out.println("Updated Map: " + map);
System.out.println("First update returns:" + oldValue1);
System.out.println("Second update returns:" + oldValue2);

}
}
```

Let us compile and run the above program, this will produce the following result:

```
Map: {ONE=1, TWO=2, THREE=3, FOUR=4}
Updated Map: {ONE=20, TWO=2, THREE=3, FOUR=4, FIVE=5}
First update returns:null
Second update returns:1
```

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